IP Link® Device Interface
Ethernet Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type:	Video Conference
Manufacturer:	LifeSize
Firmware Version:	N/A
Model(s):	Passport

Minimum Software and Firmware Requirements:

IP Link Compiler	IP Link Firmware	GC Version
1.4.0	1.15	3.2.0

Version History:

Driver Version	Date	Notes
1	8/25/2011	Initial version.

Driver Notes:

Control Commands & States:

Auto Answer	On	Off	
Auto Focus	On	Off	
Dial Keypad	0 – 9	*	#
Layout	1 – 20		
Menu Navigation	Up Right Home Input	Down Enter Directory Back	Left Layout Mode
Microphone Mute	On	Off	
Pan-Tilt (Far)	Up Right	Down Stop	Left
Pan-Tilt (Near)	Up Right	Down Stop	Left
Phone Call	Call End All	Flash	Hang Up
Picture In Picture	On	Off	
Power Control	On	Off	
Presentation	Start	Stop	
Preset Recall	1 – 19		
Preset Save	1 – 19		
Quick Keys	Red Green	Blue	Yellow
Volume (Discrete)	0 to 100 in steps of 1		
Volume (Step)	Up	Down	
Zoom (Far)	In	Out	Stop
Zoom (Near)	In	Out	Stop

- The “Dial Keypad” command functions in a similar manner to the LifeSize Passport remote control. While in full screen camera mode during a call, the numbers 0-9 represent camera presets, however on the dial screen, they dial a number.
- The driver does not update status other than Call Status during a call.
- Pan-Tilt/Zoom commands have press/release functionality. The stop command can be used in conjunction with these commands and is intended for front panel configuration purposes.

Status Available:

Auto Answer	On	Off	
Auto Focus	On	Off	
Call Status	On Hook	Off Hook	Connected
	Connecting	Disconnected	Disconnecting
	Valid Number	Dialing	Ringing
	Answered Number	Answered Consult	Call Encrypted
	Call Not Encrypted	Incoming	Status Unavailable
	Unreachable	Not In Call	Busy
Connection Status	Connected	Disconnected	
Layout	1 – 20		
Microphone Mute	On	Off	
Phone Call	Call	Flash	Hang Up
	End All		
Picture In Picture	On	Off	
Volume (Discrete)	0 to 100 in steps of 1		

Network communication:

When configuring the Ethernet driver, be sure device settings match that of the GC configuration.

Port Type:	Ethernet
Logon Credentials Supported:	Yes
Default User Name:	auto
Default Password:	lifesize
Default Port:	23
Multi-Connection Capable:	Yes
Port Changeable:	No

Ethernet Driver Configuration Description:

Please refer to user manual for settings and changes to the network communication parameters such as: User Name, Passwords and Port Number.

Notes for the Device:

LifeSize requires the password to be a minimum of 5 characters and a maximum of 127 characters. You must also use at least one of each of the following characters:

a) Upper case letter
b) Lower case letter
c) Number

The Video Conference unit may come with a black or a silver remote. Some commands may not be supported depending on the remote.